

GAU 1644

ATTORNEY'S DOCKET NO. I0277/7004(HCL)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s): Karen Newell  
Serial No: 09/277,575  
Filed: March 26, 1999  
For: METHODS AND PRODUCTS RELATED TO METABOLIC INTERACTIONS IN DISEASE  
Examiner: Mary B. Tung  
Art Unit: 1644

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CERTIFICATE OF MAILING UNDER 37 C.F.R. 1.8(a)

The undersigned hereby certifies that this document is being placed in the United States mail with first-class postage attached, addressed to Box Non-Fee Amendment, Commissioner for Patents, Washington, D.C. 20231, on the 6th day of November, 2000.

Helen Lockhart

Helen C. Lockhart

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**BOX NON-FEE AMENDMENT**  
COMMISSIONER FOR PATENTS  
WASHINGTON, D.C. 20231

Sir:

Transmitted herewith is/are the following document(s):

- Response to Restriction Requirement
- Preliminary Amendment
- Certificate of Mailing
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If the enclosed papers are considered incomplete, the Mail Room and/or the Application Branch is respectfully requested to contact the undersigned at (617) 720-3500, Boston, Massachusetts.

No check is enclosed. If a fee is required, the balance may be charged to the account of the undersigned, Deposit Account No. 23/2825. A duplicate of this sheet is enclosed.

Respectfully Submitted,

Helen Lockhart

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Docket No. I0277/7004 (HCL)  
Date: November 6, 2000  
X11/04/00



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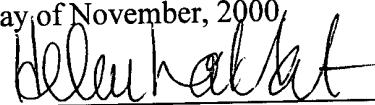
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Helen C. Lockhart

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WASHINGTON, D.C. 20231

PRELIMINARY AMENDMENT

Sir:

IN THE CLAIMS

Please add the following new claims:

143. The method of claim 39, wherein the method is performed *in vivo*.

144. The method of claim 39, wherein the method is performed *ex vivo*.

145. The method of claim 39, wherein the mammalian cell <sup>is</sup> ~~an~~ antigen presenting cell.

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146. The method of claim 39, wherein the mammalian cell is selected from the group consisting of a tumor cell and T cell.

147. The method of claim 44, wherein the immune recognition molecule is selected from the group consisting of MHC Class II, b7-1, b7-2, and CD-40.

148. The method of claim 44, wherein the metabolic inhibition agent is selected from the group consisting of apoptotic chemotherapeutic agents, bacterial byproducts, mycobacterial antigens, UCP expression vectors, and fatty acids.

REMARKS

Applicant has added new claims 143-148. Support for these claims can be found throughout the specification as well as in the claims as originally filed. Specifically, new claims 143-148 are identical to original claims 40-43 and 45-46 in the application as filed. No new matter has been added.

Respectfully submitted,



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